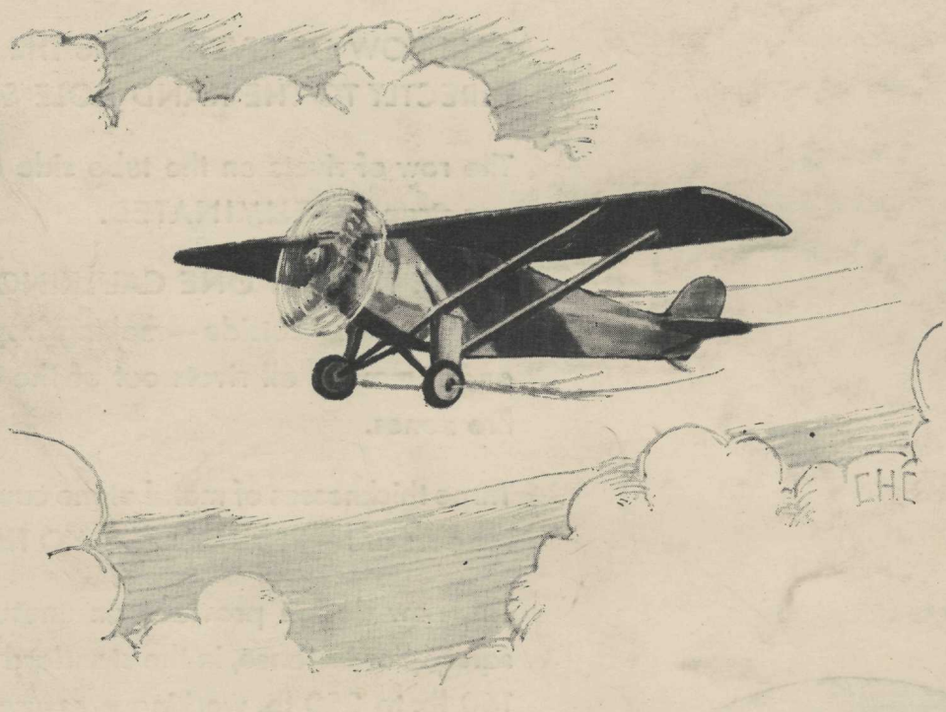
The

Ohio State Engineer



October 1929.

MEMBER OF ENGINEERING COLLEGE MAGAZINES ASSOCIATED

A NEW DESIGN

BOX-HEADER BOILER

The new C-E Single-Seam Box-Header Boiler is a distinct advance in construction and design over ordinary box header practice.

In the new design —

The wrapper or butt strap joining the tube and hand hole sheets is —ELIMINATED.

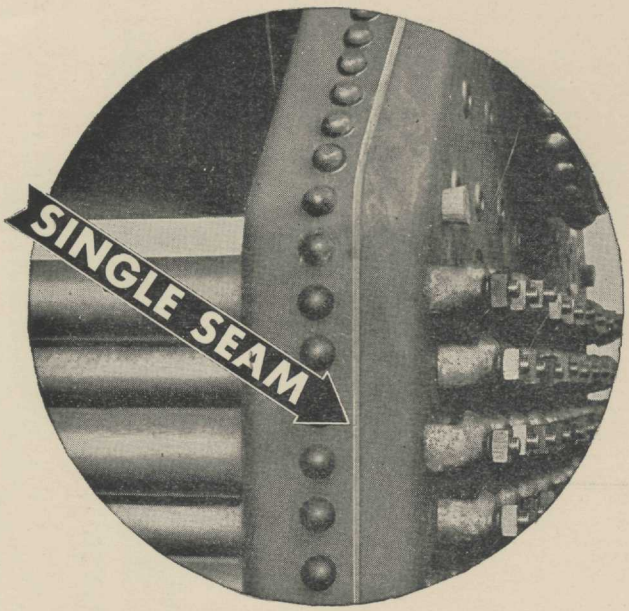
ONE ROW OF RIVETS JOINS THE TUBE SHEET DIRECTLY TO THE HAND HOLE SHEET.

The row of rivets on the tube side of the wrapper strap is —ELIMINATED.

THERE IS ONLY ONE CAULKING EDGE and this faces the outside —making inspection easy and removing all rivets out of the hot gas and fire zones.

Three thicknesses of metal at the caulking joint at the ears are— REDUCED TO TWO THICKNESSES.

This new design provides an unusual factor of safety. For instance, in the standard unit sold for 160 lb. to 250 lb. working pressure, the header joint is adequate for a working pressure of 450 lb.



A careful inspection of this new boiler will convince you that the C-E Box-Header Boiler is a better Box-Header Boiler.

COMBUSTION ENGINEERING CORPORATION

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